

Experiment Number: 92003-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: NTP 90 diet study
CAS Number: DIET90

Date Report Requested: 10/21/2014
Time Report Requested: 22:00:50
First Dose M/F: NA / NA
Lab: NIEHS

C Number: C92003
Lock Date: 04/27/1994
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: NONE

Experiment Number: 92003-02

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CAS Number: DIET90

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B6C3F1 Mouse Male 7M	DAY ON TEST																															
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	1	0	0	0	0	0	2	3	0	4	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	
	3	1	1	1	1	1	8	2	3	7	0	2	3	8	9	2	5	5	5	5	6	6	6	7	7	8	0	0	2	2	2	2
	9	4	4	4	6	8	7	8	8	1	8	6	6	6	5	3	0	0	7	1	4	8	0	2	5	4	7	1	1	9	9	
ANIMAL ID		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	4	3	3	3	3	3	3	4	3	4	3	3	3	4	4	3	3	3	3	4	3	4	4	3	3	4	3	4	
	6	0	3	6	0	1	3	5	0	3	1	6	2	1	8	8	2	2	2	7	0	8	0	9	0	3	3	8	1	4	1	
	0	4	0	5	5	4	8	2	1	2	5	8	5	6	9	8	4	6	0	0	8	4	2	4	9	0	1	0	1	1	9	

Adenoma, Multiple																																				
Pituitary Gland									+	+		M	+	A		+		M	M	+		+	M	+	M	+	+	A	+	A	+	M	A			
Thyroid Gland									A	+		A	A	A		A		+	+	+		M	+	+	+	+	+	+	+	M	+	A	A			
General Body System																																				
Tissue NOS																																		+		
Carcinoma																																		X		
Genital System																																				
Preputial Gland																																				
Seminal Vesicle																																		+	+	
Testes																																			+	+
Hematopoietic System																																				
Lymph Node, Mandibular																																				
Mast Cell Tumor Malignant, Metastatic, Uncertain Primary Site																																				
Lymph Node, Mesenteric																																				
Spleen																																				
Thymus																																				
Integumentary System																																				
Skin																																				
Musculoskeletal System																																				

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
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Lab: NIEHS

B6C3F1 Mouse Male 7M	DAY ON TEST	ANIMAL ID																											
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	0	0	2	3	0	4	5	5	5	5	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7
	3	1	1	1	1	1	8	2	3	7	0	2	3	8	9	2	5	5	5	6	6	7	7	8	0	0	2	2	2
	9	4	4	4	6	8	7	8	8	1	8	6	6	6	5	3	0	0	7	1	4	8	0	2	5	4	0	7	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	4	3	3	3	3	3	4	3	4	3	3	3	4	4	3	3	3	3	4	3	4	4	3	3	4	3
	6	0	3	6	0	1	3	5	0	3	1	6	2	1	8	8	2	2	7	0	8	0	9	0	3	3	8	1	
	0	4	0	5	5	4	8	2	1	2	5	8	5	6	9	8	4	6	0	8	4	2	4	9	0	1	0	1	

NONE
Nervous System
NONE
Respiratory System
Lung
Alveolar/Bronchiolar Adenoma
Alveolar/Bronchiolar Adenoma, Multiple
Alveolar/Bronchiolar Carcinoma
Carcinoma, Metastatic, Liver
Hepatocellular Carcinoma, Metastatic, Liver
Sarcoma, Multiple
Pleura
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung
Special Senses System
Zymbal's Gland
Urinary System
Kidney
Urinary Bladder

SYSTEMIC LESIONS

* ..Total animals with tissue examined microscopically; Total animals with tumor
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Time Report Requested: 22:00:51

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CAS Number: DIET90

First Dose M/F: NA / NA

Lab: NIEHS

B6C3F1 Mouse Male 7M	DAY ON TEST	ANIMAL ID																													
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	0	0	0	0	0	2	3	0	4	5	5	5	5	5	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7
3	1	1	1	1	1	8	2	3	7	0	2	3	8	9	2	5	5	5	6	6	6	7	7	8	0	0	2	2	2	2	
9	4	4	4	6	8	7	8	8	8	1	8	6	6	6	5	3	0	7	1	4	8	0	2	5	4	7	1	1	9	9	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	3	3	4	3	3	3	3	3	3	4	3	4	3	3	3	4	4	3	3	3	3	4	3	4	4	3	3	4	3	4	
6	0	3	6	0	1	3	5	0	3	1	6	2	1	8	8	2	2	2	7	0	8	0	9	0	3	3	8	1	4	1	
0	4	0	5	5	4	8	2	1	2	5	8	5	6	9	8	4	6	0	0	8	4	2	4	9	0	1	0	1	9		
Multiple Organ							+	+			+	+	+		+	+	+			+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant																															
Mesothelioma Malignant																															

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
ANIMAL ID		2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
		9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	
		2	0	1	1	1	2	2	2	3	3	3	6	7	7	8	9	9	9	9	0	0	0	0	0	1	1	1	2	
		0	2	0	1	9	1	3	4	5	6	9	5	2	7	1	0	1	3	6	9	3	4	5	7	8	0	4	9	
Adenoma, Multiple					X																									
Pituitary Gland	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	M	+	M	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+
General Body System																														
Tissue NOS																														
Carcinoma																														
Genital System																														
Preputial Gland										+																				
Seminal Vesicle		+	+	+	+	+	+	+	+	+	+		+	+	+	+	+		+	+	+		+	+		+	+	+	+	+
Testes	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic System																														
Lymph Node, Mandibular	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+
Mast Cell Tumor Malignant, Metastatic, Uncertain Primary Site																														X
Lymph Node, Mesenteric	A	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M
Spleen	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymus	M	M	M	M	+	M	M	M	+	+	M	+	M	M	M	+	+	M	M	M	M	M	M	M	M	M	M	M	M	M
Integumentary System																														
Skin																														
Musculoskeletal System																														

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Lab: NIEHS

B6C3F1 Mouse Male
7M

DAY ON TEST	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7
	3	3	3	3	3	3	3	3	3
	4	4	4	4	4	4	4	4	4
ANIMAL ID	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	4	4	4	4	4	4	4	4	4
	5	5	5	6	6	6	6	6	6
	0	2	5	0	2	4	6	6	7
	*TOTALS								

Alimentary System

Intestine Large, Cecum										1
Intestine Small, Jejunum										1
Liver	+	+	+	+	+	+	+	+	+	57
Hemangiosarcoma										3
Hepatoblastoma										1
Hepatocellular Adenoma										10
Hepatocellular Adenoma, Multiple										1
Hepatocellular Carcinoma			X							17
Hepatocellular Carcinoma, Multiple										1
Mesentery										1
Pancreas	+	+	+	+	+	+	+	+	+	48
Stomach, Forestomach										1
Stomach, Glandular										1

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	57
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Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	M	45
Adenoma										1
Adrenal Medulla	+	+	+	+	+	+	+	+	M	39
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	51

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Lab: NIEHS

B6C3F1 Mouse Male 7M	DAY ON TEST								ANIMAL ID		
	0	0	0	0	0	0	0	0			
	7	7	7	7	7	7	7	7	0		
	3	3	3	3	3	3	3	3	0		
	4	4	4	4	4	4	4	4	0		
	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0		
	4	4	4	4	4	4	4	4	4		
	5	5	5	6	6	6	6	6	6		
	0	2	5	0	2	4	6	6	7		*TOTALS
Adenoma, Multiple											1
Pituitary Gland	+	M	+	+	+	M	+	I			42
Thyroid Gland	+	+	+	+	+	+	+	+			49
General Body System											
Tissue NOS											1
Carcinoma											1
Genital System											
Preputial Gland											1
Seminal Vesicle	+	+	+	+	+	+	+				39
Testes	+	+	+	+	+	+	+	+			57
Hematopoietic System											
Lymph Node, Mandibular	+	+	+	+	+	+	+	+			44
Mast Cell Tumor Malignant, Metastatic, Uncertain Primary Site											1
Lymph Node, Mesenteric	+	+	+	+	+	+	+	M			45
Spleen	+	+	+	+	+	+	+	+			49
Thymus	M	M	M	+	+	M	M	M			11
Integumentary System											
Skin					+						2
Musculoskeletal System											

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B6C3F1 Mouse Male	7M	DAY ON TEST	0	0	0	0	0	0	0	0
			7	7	7	7	7	7	7	7
			3	3	3	3	3	3	3	3
			4	4	4	4	4	4	4	4
	ANIMAL ID	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		4	4	4	4	4	4	4	4	
		5	5	5	6	6	6	6	6	
		0	2	5	0	2	4	6	7	
*TOTALS										

NONE									
Nervous System									
NONE									
Respiratory System									
Lung	+	+	+	+	+	+	+	+	58
Alveolar/Bronchiolar Adenoma			X				X	X	13
Alveolar/Bronchiolar Adenoma, Multiple									1
Alveolar/Bronchiolar Carcinoma									3
Carcinoma, Metastatic, Liver									1
Hepatocellular Carcinoma, Metastatic, Liver									3
Sarcoma, Multiple									1
Pleura									1
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung									1
Special Senses System									
Zymbal's Gland									1
Urinary System									
Kidney	+	+	+	+	+	+	+	+	53
Urinary Bladder	+	+	+	+	+	+	+	+	50
SYSTEMIC LESIONS									

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Lab: NIEHS

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7M

DAY ON TEST	0	0	0	0	0	0	0	0	
	7	7	7	7	7	7	7	7	
	3	3	3	3	3	3	3	3	
	4	4	4	4	4	4	4	4	
ANIMAL ID	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	
	4	4	4	4	4	4	4	4	
	5	5	5	6	6	6	6	6	
	0	2	5	0	2	4	6	7	*TOTALS
Multiple Organ	+	+	+	+	+	+	+	+	60
Lymphoma Malignant									2
Mesothelioma Malignant									1

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	4	5	5	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
	1	1	1	8	7	8	0	1	2	3	4	5	6	8	0	1	1	1	2	3	3	3	3	3	3	3	3	3	3		
	4	6	7	9	7	8	9	4	3	7	5	8	7	3	1	4	0	3	7	1	5	5	5	5	5	5	5	5	5		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	4	3	3	4	3	4	3	3	4	4	3	3	4	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3		
	4	1	8	3	6	0	2	4	3	5	2	5	4	7	3	4	6	1	0	2	0	0	0	2	2	3	3	4	4		
	0	7	5	7	3	6	9	5	2	4	7	0	7	9	6	4	2	8	6	5	0	3	7	6	8	3	7	0	2	3	4

Alimentary System

Liver				+	+	A	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Fibrous Histiocytoma, Metastatic, Uncertain Primary Site																																					X
Hemangiosarcoma																																					X
Hepatocellular Adenoma				X				X																													X
Hepatocellular Adenoma, Multiple																																					X
Hepatocellular Carcinoma																																					X
Hepatocellular Carcinoma, Multiple																																					X
Mesentery																																					
Pancreas				+	+	A	+	M	+	A	A	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Acinus, Carcinoma																																					X

Cardiovascular System

Heart				+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Carcinoma, Metastatic, Pancreas																																					X

Endocrine System

Adrenal Cortex				+	+	A	M	M	+	+	M	M	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+	M	+
Capsule, Adenoma																																							
Capsule, Fibrous Histiocytoma, Metastatic, Uncertain Primary Site																																						X	
Fibrous Histiocytoma, Metastatic, Uncertain Primary Site																																						X	

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 92003-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: NTP 90 diet study

CAS Number: DIET90

Date Report Requested: 10/21/2014

Time Report Requested: 22:00:52

First Dose M/F: NA / NA

Lab: NIEHS

B6C3F1 Mouse Male 9M	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	4	5	5	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
		1	1	1	8	7	8	0	1	2	3	4	5	6	8	0	0	1	1	1	2	3	3	3	3	3	3	3	3	3	3
		4	6	7	9	7	8	9	4	3	7	5	8	7	3	1	4	0	3	7	1	5	5	5	5	5	5	5	5	5	5
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		4	3	3	4	3	4	3	3	4	4	3	3	4	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	
		4	1	8	3	6	0	2	4	3	5	2	4	7	3	4	6	1	0	2	0	0	2	2	3	3	4	4	4	4	
		0	7	5	7	3	6	9	5	2	4	7	9	6	4	2	8	6	5	0	3	7	6	8	3	7	0	2	3	4	

Cortex, Renal Tubule, Carcinoma																																			
Fibrous Histiocytoma, Metastatic, Uncertain Primary Site																																			X
Urinary Bladder																																			
SYSTEMIC LESIONS																																			
Multiple Organ																																			
Lymphoma Malignant																																			

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

Experiment Number: 92003-02

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: CHRONIC

Test Compound: NTP 90 diet study

Time Report Requested: 22:00:52

Species/Strain: Mouse/B6C3F1

CAS Number: DIET90

First Dose M/F: NA / NA

Lab: NIEHS

B6C3F1 Mouse Male 9M	DAY ON TEST																														
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	4	5	5	5	5	6	6	6	6	7	8	8	9	9	9	0	1	1	1	1	2	2	2	2	3	4	4	4	4	4	
	6	1	3	4	9	1	6	7	9	5	2	6	2	5	7	0	2	3	6	8	2	3	7	8	4	2	3	5	6	8	1

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrous Histiocytoma, Metastatic, Uncertain Primary Site																														
Hemangiosarcoma											X																			
Hepatocellular Adenoma	X			X	X				X		X	X													X					
Hepatocellular Adenoma, Multiple						X											X		X											
Hepatocellular Carcinoma																														X
Hepatocellular Carcinoma, Multiple																														
Mesentery																														
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinus, Carcinoma																														

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma, Metastatic, Pancreas																														

Endocrine System

Adrenal Cortex	+	+	+	+	M	+	+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	M	+	M	+	M	+	+	M	+	+
Capsule, Adenoma																															
Capsule, Fibrous Histiocytoma, Metastatic, Uncertain Primary Site																															
Fibrous Histiocytoma, Metastatic, Uncertain Primary Site																															

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 92003-02

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: CHRONIC

Test Compound: NTP 90 diet study

Time Report Requested: 22:00:53

Species/Strain: Mouse/B6C3F1

CAS Number: DIET90

First Dose M/F: NA / NA

Lab: NIEHS

B6C3F1 Mouse Male 9M	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	ANIMAL ID	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4		
		4	5	5	5	5	6	6	6	6	7	8	8	9	9	9	0	1	1	1	1	2	2	2	3	4	4	4	4	5		
		6	1	3	4	9	1	6	7	9	5	2	6	2	5	7	0	2	3	6	8	2	2	3	7	8	4	3	1			
Adrenal Medulla		M	+	+	+	M	+	+	+	+	+	+	M	M	+	+	+	+	+	+	M	+	M	+	M	+	+	M	+	+		
Fibrous Histiocytoma, Metastatic, Uncertain Primary Site																																
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Pituitary Gland		M	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	M		
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Follicular Cel, Adenoma																																
General Body System																																
NONE																																
Genital System																																
Seminal Vesicle		+		+		+	+		+			+	+		+			+		+	+					+		+				
Testes		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Hematopoietic System																																
Lymph Node, Mandibular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+		
Lymph Node, Mesenteric		M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+		
Spleen		+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+		
Fibrous Histiocytoma, Metastatic, Uncertain Primary Site																																
Hemangiosarcoma																																
Thymus		M	M	M	M	M	M	M	M	M	M	M	M	M	M	+	M	M	M	+	M	M	M	M	M	M	M	+	M	M	+	M
Integumentary System																																

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 92003-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: NTP 90 diet study

CAS Number: DIET90

Date Report Requested: 10/21/2014

Time Report Requested: 22:00:53

First Dose M/F: NA / NA

Lab: NIEHS

B6C3F1 Mouse Male 9M	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ANIMAL ID	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4
		4	5	5	5	5	6	6	6	6	7	8	8	9	9	9	0	1	1	1	1	2	2	2	2	3	4	4	4
		6	1	3	4	9	1	6	7	9	5	2	6	2	5	7													
	Cortex, Renal Tubule, Carcinoma																												X
	Fibrous Histiocytoma, Metastatic, Uncertain Primary Site																												
	Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	SYSTEMIC LESIONS																												
	Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	Lymphoma Malignant											X																	

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 92003-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: NTP 90 diet study

CAS Number: DIET90

Date Report Requested: 10/21/2014

Time Report Requested: 22:00:53

First Dose M/F: NA / NA

Lab: NIEHS

B6C3F1 Mouse Male 9M	DAY ON TEST	0	0	0	0	0	0	0	0
		7	7	7	7	7	7	7	7
	3	3	3	3	3	3	3	3	3
	5	5	5	5	5	5	5	5	5
ANIMAL ID	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	4	4	4	4	4	4	7	7	
	5	5	5	5	6	6	0	0	
	3	6	7	9	1	3	1	2	
		*TOTALS							

Alimentary System

Liver	+	+	+	+	+	+	+	62
Fibrous Histiocytoma, Metastatic, Uncertain Primary Site								1
Hemangiosarcoma								2
Hepatocellular Adenoma		X		X				19
Hepatocellular Adenoma, Multiple						X		5
Hepatocellular Carcinoma								4
Hepatocellular Carcinoma, Multiple								1
Mesentery	+				+			3
Pancreas	+	+	+	+	+	+	+	59
Acinus, Carcinoma								1

Cardiovascular System

Heart	+	+	+	+	+	+	+	64
Carcinoma, Metastatic, Pancreas								1

Endocrine System

Adrenal Cortex	+	+	+	+	+	M	M	46
Capsule, Adenoma			X					1
Capsule, Fibrous Histiocytoma, Metastatic, Uncertain Primary Site								1
Fibrous Histiocytoma, Metastatic, Uncertain Primary Site								1

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 92003-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: NTP 90 diet study

CAS Number: DIET90

Date Report Requested: 10/21/2014

Time Report Requested: 22:00:53

First Dose M/F: NA / NA

Lab: NIEHS

B6C3F1 Mouse Male 9M	DAY ON TEST								ANIMAL ID		
	0 7 3 5	0 7 3 5	0 7 3 5	0 7 3 5	0 7 3 5	0 7 3 5	0 7 3 5	0 7 3 5			
	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0		
	4	4	4	4	4	4	7	7	7		
	5	5	5	5	6	6	0	0	0		
	3	6	7	9	1	3	1	2			*TOTALS
Adrenal Medulla	+	+	+	+	+	M	M				43
Fibrous Histiocytoma, Metastatic, Uncertain Primary Site											1
Islets, Pancreatic	+	+	+	+	+	+	+				60
Pituitary Gland	M	+	+	+	+	+	M				48
Thyroid Gland	+	+	+	+	+	+	+				56
Follicular Cel, Adenoma											1
General Body System											
NONE											
Genital System											
Seminal Vesicle	+			+			+				26
Testes	+	+	+	+	+	+	+				62
Hematopoietic System											
Lymph Node, Mandibular	+	+	+	+	+	+	+				56
Lymph Node, Mesenteric	+	+	+	+	+	+	+				53
Spleen	+	+	+	+	+	+	+				55
Fibrous Histiocytoma, Metastatic, Uncertain Primary Site											1
Hemangiosarcoma											3
Thymus	+	+	M	M	M	M	M				13
Integumentary System											

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 92003-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: NTP 90 diet study

CAS Number: DIET90

Date Report Requested: 10/21/2014

Time Report Requested: 22:00:53

First Dose M/F: NA / NA

Lab: NIEHS

B6C3F1 Mouse Male 9M	DAY ON TEST	0	0	0	0	0	0	0	0	*TOTALS
	ANIMAL ID	7	7	7	7	7	7	7	7	
		3	3	3	3	3	3	3	3	
		5	5	5	5	5	5	5	5	
		0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		4	4	4	4	4	4	7	7	
		5	5	5	5	6	6	0	0	
		3	6	7	9	1	3	1	2	
Mammary Gland										1
Skin										3
Melanoma Malignant										1
Musculoskeletal System										
NONE										
Nervous System										
Brain										1
Respiratory System										
Lung		+	+	+	+	+	+	+		63
Alveolar/Bronchiolar Adenoma				X	X					13
Alveolar/Bronchiolar Adenoma, Multiple						X	X			5
Alveolar/Bronchiolar Carcinoma			X				X			6
Hepatocellular Carcinoma, Metastatic, Liver										1
Special Senses System										
Eye										1
Harderian Gland										3
Adenoma										2
Carcinoma										1
Urinary System										
Kidney		+	+	+	+	+	+	+		61

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 92003-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: NTP 90 diet study

CAS Number: DIET90

Date Report Requested: 10/21/2014

Time Report Requested: 22:00:53

First Dose M/F: NA / NA

Lab: NIEHS

B6C3F1 Mouse Male
9M

DAY ON TEST	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7
	3	3	3	3	3	3	3	3
	5	5	5	5	5	5	5	5
ANIMAL ID	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	4	4	4	4	4	4	7	7
	5	5	5	5	6	6	0	0
	3	6	7	9	1	3	1	2

*TOTALS

Cortex, Renal Tubule, Carcinoma									1
Fibrous Histiocytoma, Metastatic, Uncertain Primary Site									1
Urinary Bladder	+	+	+	+	+	+	+		59
SYSTEMIC LESIONS									
Multiple Organ	+	+	+	+	+	+	+		64
Lymphoma Malignant									2

END OF MALE DATA

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 92003-02

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: CHRONIC

Test Compound: NTP 90 diet study

Time Report Requested: 22:00:54

Species/Strain: Mouse/B6C3F1

CAS Number: DIET90

First Dose M/F: NA / NA

Lab: NIEHS

DAY ON TEST	ANIMAL ID																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B6C3F1 Mouse Female	0	1	1	1	0	4	5	5	5	6	6	6	6	6	6	6	6	0	7	7	7	7	7	7	7	7	7	7	7
7F	1	3	3	3	1	2	6	7	8	2	2	3	3	4	5	6	7	6	1	1	2	3	3	3	3	3	3	3	3
	0	9	9	9	4	1	0	0	8	3	3	4	4	5	3	8	6	8	4	7	1	2	6	6	6	6	6	6	6
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4	5	5	5	6	6	4	4	4	5	5	5	6	5	5	5	5	6	5	4	5	4	4	4	4	4	4	4	4
	9	2	5	9	2	0	8	7	8	0	6	2	0	2	9	3	7	3	6	8	3	6	7	7	7	7	8	9	9
	5	6	3	4	0	9	1	3	5	1	4	0	5	3	8	1	7	4	0	0	3	8	1	2	5	6	8	0	6

Follicle, Adenoma

X

General Body System

Tissue NOS

+

Thoracic, Hemangiosarcoma

Genital System

Ovary

+ M A A + + M A + I M M + + + + + + + M + +

Cystadenoma

X

Uterus

+ + A + + A M A + + + + + + + + + + + +

Carcinoma

Leiomyoma

Vagina

+

Hematopoietic System

Lymph Node, Mandibular

M A A A + A M A + M M M A + + + + + + + + + +

Lymph Node, Mesenteric

A A A A + A M M + + M + A + + + M + + + + + +

Spleen

+ M A A + A + M + + + + A + + + + + + + + + +

Hemangiosarcoma

X

X

Thymus

M M M A M M M M M M M M M + M + + + M M + M

Integumentary System

Skin

+

Sarcoma

X

Schwannoma Malignant

* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 92003-02

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: CHRONIC

Test Compound: NTP 90 diet study

Time Report Requested: 22:00:54

Species/Strain: Mouse/B6C3F1

CAS Number: DIET90

First Dose M/F: NA / NA

Lab: NIEHS

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B6C3F1 Mouse Female 7F		0	1	1	1	0	4	5	5	5	6	6	6	6	6	6	6	6	0	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
		1	3	3	3	1	2	6	7	8	2	2	3	3	4	5	5	6	7	6	1	1	2	3	3	3	3	3	3	3	3	3	3	
		0	9	9	9	4	1	0	0	8	3	3	4	4	5	3	8	6	8	4	7	1	6	6	6	6	6	6	6	6	6	6	6	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	4	5	5	5	6	6	4	4	4	5	5	5	6	5	5	5	5	6	5	4	5	4	4	4	4	4	4	4	4	4	4	5	5	
	9	2	5	9	2	0	8	7	8	0	6	2	0	2	9	3	7	3	6	8	3	6	7	7	7	7	8	9	9	0	0	0		
	5	6	3	4	0	9	1	3	5	1	4	0	5	3	8	1	7	4	0	0	3	8	1	2	5	6	8	0	6	3	7	7		

Schwannoma Malignant
Musculoskeletal System

NONE
Nervous System

NONE
Respiratory System

Lung																																			
Alveolar/Bronchiolar Adenoma																																			
Alveolar/Bronchiolar Carcinoma																																			
Hepatocellular Carcinoma, Metastatic, Liver																																			

Special Senses System

Eye																																				
Harderian Gland																																				
Adenoma																																				

Urinary System

Kidney																																				
Urinary Bladder																																				

SYSTEMIC LESIONS

Multiple Organ																																				
----------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

Experiment Number: 92003-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: NTP 90 diet study

CAS Number: DIET90

Date Report Requested: 10/21/2014

Time Report Requested: 22:00:54

First Dose M/F: NA / NA

Lab: NIEHS

	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B6C3F1 Mouse Female 7F		0	1	1	1	0	4	5	5	5	6	6	6	6	6	6	6	6	0	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
		1	3	3	3	1	2	6	7	8	2	2	3	3	4	5	6	7	6	1	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
		0	9	9	9	4	1	0	0	8	3	3	4	4	5	3	8	6	8	4	7	1	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		4	5	5	5	6	6	4	4	4	5	5	5	6	5	5	5	5	6	5	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5
		9	2	5	9	2	0	8	7	8	0	6	2	0	2	9	3	7	3	6	8	3	6	7	7	7	7	8	9	9	0	0	0	0	0	0	
		5	6	3	4	0	9	1	3	5	1	4	0	5	3	8	1	7	4	0	0	3	8	1	2	5	6	8	0	6	3	7	7	7	7	7	

Lymphoma Malignant

X

- * ..Total animals with tissue examined microscopically; Total animals with tumor
- + ..Tissue examined microscopically
- X ..Lesion present
- I ..Insufficient tissue

- M ..Missing tissue
- A ..Autolysis precludes evaluation
- BLANK ..Not examined microscopically

Experiment Number: 92003-02

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: CHRONIC

Test Compound: NTP 90 diet study

Time Report Requested: 22:00:54

Species/Strain: Mouse/B6C3F1

CAS Number: DIET90

First Dose M/F: NA / NA

Lab: NIEHS

B6C3F1 Mouse Female 7F	DAY ON TEST	ANIMAL ID																													
		0736	0736	0736	0736	0736	0736	0736	0736	0736	0736	0736	0736	0736	0736	0736	0736	0736	0736	0736	0736	0736	0736	0736	0736	0736	0736	0736	0736	0736	0736
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	
		0	1	2	3	4	4	4	5	5	6	6	7	8	8	9	9	9	9	0	0	1	1	1	1	1	2	2	2	3	
		9	5	2	2	1	5	7	6	8	2	6	0	4	6	0	1	2	9	2	3	0	2	5	8	9	3	5	6	8	

Alimentary System

Intestine Small, Jejunum																															
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																															
Hepatocellular Adenoma	X											X						X	X				X								
Hepatocellular Adenoma, Multiple			X						X					X			X			X	X				X				X		
Hepatocellular Carcinoma										X			X																		
Mesentery			+							+						+	+			+					+						
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Endocrine System

Adrenal Cortex	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Adrenal Medulla	+	M	+	M	M	+	+	M	+	+	+	+	+	+	+	+	+	+	A	M	+	+	+	+	+	+	+	+	+	+
Pheochromocytoma Benign																						X								
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma			X																											
Pituitary Gland	+	M	+	+	M	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	M
Adenoma																						X	X		X					
Pars Distalis, Adenoma																														X
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
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BLANK ..Not examined microscopically

Experiment Number: 92003-02

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: CHRONIC

Test Compound: NTP 90 diet study

Time Report Requested: 22:00:54

Species/Strain: Mouse/B6C3F1

CAS Number: DIET90

First Dose M/F: NA / NA

Lab: NIEHS

		DAY ON TEST																												
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
B6C3F1 Mouse Female 7F	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6
	0	1	2	3	4	4	4	5	5	6	6	7	8	8	9	9	9	9	9	0	0	1	1	1	1	1	2	2	2	3
	9	5	2	2	1	5	7	6	8	2	6	0	4	6	0	1	2	9	2	3	0	2	5	8	9	3	5	6	8	9

Follicle, Adenoma X

General Body System

Tissue NOS

+

Thoracic, Hemangiosarcoma

X

Genital System

Ovary

+ +

Cystadenoma

X X

Uterus

+ +

Carcinoma

X

Leiomyoma

X

Vagina

Hematopoietic System

Lymph Node, Mandibular

+ + + + + M +

Lymph Node, Mesenteric

M M + + M M M + + + + + + + + + + + + + + + M + + + + M M

Spleen

+ +

Hemangiosarcoma

Thymus

+ M + M + + M + + M + + M M M M M + + M + M M M M + M M + M M

Integumentary System

Skin

+ +

Sarcoma

X

Schwannoma Malignant

X

* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 92003-02

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: CHRONIC

Test Compound: NTP 90 diet study

Time Report Requested: 22:00:55

Species/Strain: Mouse/B6C3F1

CAS Number: DIET90

First Dose M/F: NA / NA

Lab: NIEHS

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 Mouse Female
7F | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | ANIMAL ID | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 4 |
| | 0 | 1 | 2 | 3 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 7 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 7 | |
| | 9 | 5 | 2 | 2 | 1 | 5 | 7 | 6 | 8 | 2 | 6 | 0 | 4 | 6 | 0 | 1 | 2 | 9 | 2 | 3 | 0 | 2 | 5 | 8 | 9 | 3 | 5 | 6 | 9 | |

Schwannoma Malignant

X

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Alveolar/Bronchiolar Adenoma | | | | | | | | X | | | | | | | | | X | | | | | | | | | | | | | |
| Alveolar/Bronchiolar Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocellular Carcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Special Senses System

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Eye | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Urinary System

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Urinary Bladder | + | + | + | + | + | + | + | M | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 92003-02

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: CHRONIC

Test Compound: NTP 90 diet study

Time Report Requested: 22:00:55

Species/Strain: Mouse/B6C3F1

CAS Number: DIET90

First Dose M/F: NA / NA

Lab: NIEHS

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| B6C3F1 Mouse Female
7F | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 4 | | |
| | | 0 | 1 | 2 | 3 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 7 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 7 | | |
| | | 9 | 5 | 2 | 2 | 1 | 5 | 7 | 6 | 8 | 2 | 6 | 0 | 4 | 6 | 0 | 1 | 2 | 9 | 2 | 3 | 0 | 2 | 5 | 8 | 9 | 3 | 5 | 6 | 8 | 6 | 9 | | |
| | Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 92003-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: NTP 90 diet study

CAS Number: DIET90

Date Report Requested: 10/21/2014

Time Report Requested: 22:00:55

First Dose M/F: NA / NA

Lab: NIEHS

| | | | | | | | | | |
|---------------------------|-------------|---------|---|---|---|---|---|---|---|
| B6C3F1 Mouse Female
7F | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 5 |
| | | 9 | 5 | 6 | 0 | 0 | 1 | 1 | 5 |
| | | 2 | 4 | 5 | 1 | 7 | 1 | 3 | 0 |
| | | *TOTALS | | | | | | | |

Alimentary System

| | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|----|
| Intestine Small, Jejunum | | | | | | | | | 1 |
| Liver | + | + | + | + | + | + | + | + | 60 |
| Hemangiosarcoma | | | | | | | | X | 2 |
| Hepatocellular Adenoma | | | X | | | X | | | 15 |
| Hepatocellular Adenoma, Multiple | | | | | X | | X | | 12 |
| Hepatocellular Carcinoma | | | | | | | | | 8 |
| Mesentery | | | | | | | | | 15 |
| Pancreas | + | + | + | + | + | + | + | A | 54 |

Cardiovascular System

| | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|----|
| Heart | + | + | + | + | + | + | + | + | 62 |
|-------|---|---|---|---|---|---|---|---|----|

Endocrine System

| | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex | + | + | + | + | + | + | M | A | 52 |
| Adrenal Medulla | + | + | M | + | + | + | M | A | 45 |
| Pheochromocytoma Benign | | | | | | | | | 1 |
| Islets, Pancreatic | + | + | + | + | + | + | + | A | 53 |
| Adenoma | | | | | | | | | 1 |
| Pituitary Gland | + | + | + | + | + | + | M | M | 47 |
| Adenoma | | | | | | X | | | 4 |
| Pars Distalis, Adenoma | | | | | | | | | 4 |
| Thyroid Gland | + | + | + | + | + | + | + | A | 54 |

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 92003-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: NTP 90 diet study

CAS Number: DIET90

Date Report Requested: 10/21/2014

Time Report Requested: 22:00:55

First Dose M/F: NA / NA

Lab: NIEHS

| B6C3F1 Mouse Female
7F | DAY ON TEST | | | | | | | | ANIMAL ID | |
|-----------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------|
| | 0
7
3
7 | 0
7
3
7 | 0
7
3
7 | 0
7
3
7 | 0
7
3
7 | 0
7
3
7 | 0
7
3
7 | 0
7
3
8 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 5 | 5 | |
| | 9 | 5 | 6 | 0 | 0 | 1 | 1 | 5 | 0 | |
| | 2 | 4 | 5 | 1 | 7 | 1 | 3 | 0 | | *TOTALS |
| <hr/> | | | | | | | | | | |
| Follicle, Adenoma | | | | | | | | | | 2 |
| General Body System | | | | | | | | | | |
| Tissue NOS | | | | | | | | | + | 3 |
| Thoracic, Hemangiosarcoma | | | | | | | | | | 1 |
| Genital System | | | | | | | | | | |
| Ovary | + | + | + | + | + | + | + | A | 52 | |
| Cystadenoma | | | | | | | | | | 3 |
| Uterus | + | + | + | + | + | + | + | + | 58 | |
| Carcinoma | | | | | | | | | | 1 |
| Leiomyoma | | | | | | | | | | 1 |
| Vagina | | | | | | | | | | 1 |
| Hematopoietic System | | | | | | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | A | 49 | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | A | 43 | |
| Spleen | + | + | + | + | + | + | + | A | 55 | |
| Hemangiosarcoma | | | | | | | | | | 2 |
| Thymus | M | M | + | M | + | M | M | M | 20 | |
| Integumentary System | | | | | | | | | | |
| Skin | | | | | | | | | + | 4 |
| Sarcoma | | | | | | | | | | 2 |
| Schwannoma Malignant | | | | | | | | | X | 2 |

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 92003-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: NTP 90 diet study

CAS Number: DIET90

Date Report Requested: 10/21/2014

Time Report Requested: 22:00:55

First Dose M/F: NA / NA

Lab: NIEHS

| | | DAY ON TEST | | | | | | | | |
|---|-----------|-------------|---|---|---|---|---|---|----------------|----|
| B6C3F1 Mouse Female | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 7F | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 5 | |
| | | 9 | 5 | 6 | 0 | 0 | 1 | 1 | 5 | |
| | | 2 | 4 | 5 | 1 | 7 | 1 | 3 | 0 | |
| | | | | | | | | | *TOTALS | |
| Schwannoma Malignant | | | | | | | | | X | 2 |
| Musculoskeletal System | | | | | | | | | | |
| NONE | | | | | | | | | | |
| Nervous System | | | | | | | | | | |
| NONE | | | | | | | | | | |
| Respiratory System | | | | | | | | | | |
| Lung | | + | + | + | + | + | + | + | + | 60 |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | 4 |
| Alveolar/Bronchiolar Carcinoma | | | | | | | | | | 1 |
| Hepatocellular Carcinoma, Metastatic, Liver | | | | | | | | | | 3 |
| Special Senses System | | | | | | | | | | |
| Eye | | | | | | | | | | 1 |
| Harderian Gland | | | | | | | | | | 1 |
| Adenoma | | | | | | | | | | 1 |
| Urinary System | | | | | | | | | | |
| Kidney | | + | + | + | + | + | + | + | A | 56 |
| Urinary Bladder | | + | + | + | + | + | + | + | A | 51 |
| SYSTEMIC LESIONS | | | | | | | | | | |
| Multiple Organ | | + | + | + | + | + | + | + | + | 62 |

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 92003-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: NTP 90 diet study

CAS Number: DIET90

Date Report Requested: 10/21/2014

Time Report Requested: 22:00:55

First Dose M/F: NA / NA

Lab: NIEHS

| | | | | | | | | | |
|----------------------------|-------------|---------|---|---|---|---|---|---|---|
| B6C3F1 Mouse Female | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 5 | |
| | 9 | 5 | 6 | 0 | 0 | 1 | 1 | 5 | |
| | 2 | 4 | 5 | 1 | 7 | 1 | 3 | 0 | |
| | | *TOTALS | | | | | | | |
| Lymphoma Malignant | | | | | | | | | |

2

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 92003-02
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: NTP 90 diet study
 CAS Number: DIET90

Date Report Requested: 10/21/2014
 Time Report Requested: 22:00:55
 First Dose M/F: NA / NA
 Lab: NIEHS

| B6C3F1 Mouse Female
9F | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 0 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 2 | 9 | 6 | 7 | 7 | 2 | 4 | 5 | 6 | 6 | 7 | 9 | 9 | 7 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 1 | 7 | 1 | 4 | 4 | 3 | 8 | 0 | 1 | 5 | 5 | 7 | 7 | 0 | 1 | 1 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4 | 6 | 5 | 5 | 5 | 6 | 6 | 6 | 5 | 6 | 4 | 4 | 6 | 4 | 5 | 7 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | 8 | 3 | 0 | 3 | 8 | 3 | 2 | 3 | 0 | 1 | 9 | 9 | 0 | 7 | 5 | 0 | 7 | 8 | 9 | 9 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 |
| | 2 | 2 | 4 | 4 | 2 | 3 | 4 | 1 | 8 | 7 | 8 | 7 | 0 | 8 | 1 | 3 | 4 | 9 | 3 | 4 | 6 | 0 | 2 | 7 | 8 | 9 | 1 | 4 | 5 | 8 | 5 | 5 |

Alimentary System

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Liver | + | + | A | + | + | A | + | A | A | + | + | A | + | + | | | | | | | | | | | | | | | | | | | | | | | |
| Carcinoma, Metastatic, Islets, Pancreatic | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemangiosarcoma, Metastatic, Spleen | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocellular Adenoma | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocellular Adenoma, Multiple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocellular Carcinoma | | | | | | X | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocellular Carcinoma, Multiple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | + | + | A | A | + | A | M | M | M | + | M | M | M | + | | | | | | | | | | | | | | | | | | | | | | | |

Cardiovascular System

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Heart | + | + | A | + | + | A | + | A | + | + | + | + | + | + | | | | | | | | | | | | | | | | | | | | | | |
| Ventricle, Carcinoma, Metastatic, Skin | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | |

Endocrine System

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Adrenal Cortex | + | + | A | + | + | A | M | M | + | + | + | M | + | + | | | | | | | | | | | | | | | | | | | | | | | |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | M | + | A | + | + | A | M | M | M | + | + | M | + | M | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | + | A | A | + | A | M | M | M | + | + | M | M | + | | | | | | | | | | | | | | | | | | | | | | | |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Carcinoma | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | |

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

Experiment Number: 92003-02

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: CHRONIC

Test Compound: NTP 90 diet study

Time Report Requested: 22:00:56

Species/Strain: Mouse/B6C3F1

CAS Number: DIET90

First Dose M/F: NA / NA

Lab: NIEHS

| B6C3F1 Mouse Female
9F | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| ANIMAL ID | 1 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| | 2 | 9 | 6 | 7 | 7 | 2 | 4 | 5 | 6 | 6 | 7 | 9 | 9 | 7 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| | 1 | 7 | 1 | 4 | 4 | 3 | 8 | 0 | 1 | 5 | 5 | 7 | 7 | 0 | 1 | 1 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 4 | 6 | 5 | 5 | 5 | 6 | 6 | 6 | 5 | 6 | 4 | 4 | 6 | 4 | 5 | 7 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |
| | 8 | 3 | 0 | 3 | 8 | 3 | 2 | 3 | 0 | 1 | 9 | 9 | 0 | 7 | 5 | 0 | 7 | 8 | 9 | 9 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | | |
| | 2 | 2 | 4 | 4 | 2 | 3 | 4 | 1 | 8 | 7 | 8 | 7 | 8 | 1 | 3 | 4 | 9 | 3 | 4 | 6 | 0 | 2 | 7 | 8 | 9 | 1 | 4 | 5 | 5 | | |
| Pituitary Gland | + | + | A | M | + | M | + | + | + | + | M | M | M | + | | + | + | M | + | + | + | + | + | + | M | + | M | M | M | + | |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland | + | + | A | + | + | A | M | A | + | + | + | M | M | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Bilateral, Follicular Cel, Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicular Cel, Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| General Body System | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tissue NOS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thoracic, Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Genital System | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ovary | + | + | A | + | + | A | M | A | A | + | + | M | M | M | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Cystadenoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | + | + | A | + | + | A | + | A | + | + | + | + | + | M | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic System | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | M | M | + | + | A | M | A | M | M | + | M | M | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lymph Node, Mesenteric | + | A | A | + | + | M | M | M | M | M | + | M | M | + | | + | + | + | + | + | M | + | + | + | M | M | + | + | M | + | |
| Plasma Cell Tumor Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen | + | + | A | + | + | A | + | A | + | + | + | A | A | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thymus | M | M | M | M | M | M | M | M | M | M | M | M | M | + | | + | + | + | M | M | + | + | M | M | + | M | M | + | M | M | |

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 92003-02
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: NTP 90 diet study
 CAS Number: DIET90

Date Report Requested: 10/21/2014
 Time Report Requested: 22:00:56
 First Dose M/F: NA / NA
 Lab: NIEHS

| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 0 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| ANIMAL ID | | 2 | 9 | 6 | 7 | 7 | 2 | 4 | 5 | 6 | 6 | 7 | 9 | 9 | 7 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 1 | 7 | 1 | 4 | 4 | 3 | 8 | 0 | 1 | 5 | 5 | 7 | 7 | 0 | 1 | 1 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 4 | 6 | 5 | 5 | 5 | 6 | 6 | 6 | 5 | 6 | 4 | 4 | 6 | 4 | 5 | 7 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | | 8 | 3 | 0 | 3 | 8 | 3 | 2 | 3 | 0 | 1 | 9 | 9 | 0 | 7 | 5 | 0 | 7 | 8 | 9 | 9 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | |
| | | 2 | 2 | 4 | 4 | 2 | 3 | 4 | 1 | 8 | 7 | 8 | 7 | 0 | 8 | 1 | 3 | 4 | 9 | 3 | 4 | 6 | 0 | 2 | 7 | 8 | 9 | 1 | 4 | 5 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Thymoma Benign | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Integumentary System | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Skin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pinna, Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sarcoma, Multiple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Musculoskeletal System | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nervous System | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar/Bronchiolar Adenoma, Multiple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar/Bronchiolar Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Carcinoma, Metastatic, Skin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocellular Carcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Osteosarcoma, Metastatic, Uncertain Primary Site | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

Experiment Number: 92003-02

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: CHRONIC

Test Compound: NTP 90 diet study

Time Report Requested: 22:00:56

Species/Strain: Mouse/B6C3F1

CAS Number: DIET90

First Dose M/F: NA / NA

Lab: NIEHS

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|-----------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 Mouse Female
9F | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 1 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 2 | 9 | 6 | 7 | 7 | 2 | 4 | 5 | 6 | 6 | 7 | 9 | 9 | 7 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 1 | 7 | 1 | 4 | 4 | 3 | 8 | 0 | 1 | 5 | 5 | 7 | 7 | 0 | 1 | 1 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 4 | 6 | 5 | 5 | 5 | 6 | 6 | 6 | 5 | 6 | 4 | 4 | 6 | 4 | 5 | 7 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | | 8 | 3 | 0 | 3 | 8 | 3 | 2 | 3 | 0 | 1 | 9 | 9 | 0 | 7 | 5 | 0 | 7 | 8 | 9 | 9 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 2 | 2 | 4 | 4 | 2 | 3 | 4 | 1 | 8 | 7 | 8 | 7 | 0 | 8 | 1 | 3 | 4 | 9 | 3 | 4 | 6 | 0 | 2 | 7 | 8 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

Sarcoma, Metastatic, Skin

Special Senses System

Harderian Gland

+

+

Adenoma

X

X

Urinary System

Kidney

+ + A + + A + + A + + A A + + + + + + + + + + + + + +

Sarcoma

X

Urinary Bladder

+ + A + + A M A A A + M M M + M + + + + + M + + + +

SYSTEMIC LESIONS

Multiple Organ

+ +

Lymphoma Malignant

X + + + + X X

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

Experiment Number: 92003-02

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: CHRONIC

Test Compound: NTP 90 diet study

Time Report Requested: 22:00:56

Species/Strain: Mouse/B6C3F1

CAS Number: DIET90

First Dose M/F: NA / NA

Lab: NIEHS

| DAY ON TEST | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| B6C3F1 Mouse Female | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| 9F | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 8 | 8 | 8 | 9 | 0 | 0 | 1 | 2 | 0 | 6 | 8 | 9 | 0 | 0 | 1 | 1 | 2 | 5 | 5 | 6 | 7 |
| | 6 | 7 | 8 | 6 | 8 | 9 | 7 | 9 | 3 | 7 | 1 | 8 | 9 | 5 | 4 | 6 | 6 | 7 | 4 | 9 | 3 | 9 | 0 | 5 | 1 | 6 | 7 | 2 | 5 | 1 | 2 |

Alimentary System

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Carcinoma, Metastatic, Islets, Pancreatic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemangiosarcoma | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemangiosarcoma, Metastatic, Spleen | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocellular Adenoma | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | X | X | |
| Hepatocellular Adenoma, Multiple | | | X | | | | | | | | | | | X | | | | | | | | X | | | X | | | | | | |
| Hepatocellular Carcinoma | X | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | |
| Hepatocellular Carcinoma, Multiple | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | |
| Mesentery | | | | | | | | | | | | + | | + | + | | | | | | | | + | | + | | | | | + | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

Cardiovascular System

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Ventricle, Carcinoma, Metastatic, Skin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Endocrine System

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | M | M | + | + | + | + | + | + | + | M | + | + | + | M | + | + | + | + | M | + | + | + | + | + | + | + | + |
| Carcinoma | | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | |
| Adrenal Medulla | + | + | M | M | M | + | + | M | M | + | + | + | M | + | + | M | M | + | + | + | + | M | + | + | + | + | + | + | + | + |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 92003-02

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: CHRONIC

Test Compound: NTP 90 diet study

Time Report Requested: 22:00:56

Species/Strain: Mouse/B6C3F1

CAS Number: DIET90

First Dose M/F: NA / NA

Lab: NIEHS

| B6C3F1 Mouse Female
9F | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| Pituitary Gland | + | + | M | + | + | + | + | + | + | + | + | + | + | M | M | + | + | + | + | + | + | + | + | M | + | + | + | + | + |
| Adenoma | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | |
| Pars Distalis, Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Bilateral, Follicular Cel, Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicular Cel, Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| General Body System | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tissue NOS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thoracic, Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Genital System | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cystadenoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic System | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymph Node, Mesenteric | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Plasma Cell Tumor Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thymus | M | + | + | M | M | M | + | + | M | + | + | M | M | M | + | + | + | M | M | M | M | M | + | M | M | + | + | + | + |

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 92003-02
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: NTP 90 diet study
 CAS Number: DIET90

Date Report Requested: 10/21/2014
 Time Report Requested: 22:00:56
 First Dose M/F: NA / NA
 Lab: NIEHS

| DAY ON TEST | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | |
| 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 8 | 8 | 8 | 9 | 0 | 0 | 1 | 2 | 0 | 6 | 8 | 9 | 0 | 0 | 1 | 1 | 2 | 5 | 5 | 6 | 7 |
| 6 | 7 | 8 | 6 | 8 | 9 | 7 | 9 | 3 | 7 | 1 | 8 | 9 | 5 | 4 | 6 | 6 | 6 | 4 | 9 | 3 | 9 | 0 | 5 | 1 | 6 | 7 | 2 | 5 | 1 | 2 |

Thymoma Benign X

Integumentary System

Mammary Gland

Carcinoma

Skin + + +

Pinna, Carcinoma

Sarcoma

Sarcoma, Multiple X

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

Lung +

Alveolar/Bronchiolar Adenoma X

Alveolar/Bronchiolar Adenoma, Multiple

Alveolar/Bronchiolar Carcinoma X X

Carcinoma, Metastatic, Skin

Hepatocellular Carcinoma, Metastatic, Liver X

Osteosarcoma, Metastatic, Uncertain

Primary Site

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

Experiment Number: 92003-02

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: CHRONIC

Test Compound: NTP 90 diet study

Time Report Requested: 22:00:57

Species/Strain: Mouse/B6C3F1

CAS Number: DIET90

First Dose M/F: NA / NA

Lab: NIEHS

| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|----------------------------|-----------|---|---|---|---|---|---|---|----------------|
| B6C3F1 Mouse Female | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 9F | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | ANIMAL ID | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 5 | 5 | 5 | 6 | 6 | 6 | 6 | |
| | | 7 | 7 | 8 | 0 | 1 | 2 | 2 | |
| | | 8 | 9 | 7 | 8 | 4 | 1 | 2 | |
| | | | | | | | | | *TOTALS |

Alimentary System

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|
| Liver | + | + | + | + | + | + | + | + | 62 |
| Carcinoma, Metastatic, Islets, Pancreatic | | | | | | | | | 1 |
| Hemangiosarcoma | | | | | | | | | 2 |
| Hemangiosarcoma, Metastatic, Spleen | | | | | | | | | 1 |
| Hepatocellular Adenoma | X | | X | | | X | | | 11 |
| Hepatocellular Adenoma, Multiple | | | | | | | | | 6 |
| Hepatocellular Carcinoma | X | | | | | X | | | 7 |
| Hepatocellular Carcinoma, Multiple | | | | | | | | | 1 |
| Mesentery | + | | | | | + | | | 12 |
| Pancreas | + | + | + | + | + | + | + | + | 57 |

Cardiovascular System

| | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|----|
| Heart | + | + | + | + | + | + | + | + | 64 |
| Ventricle, Carcinoma, Metastatic, Skin | | | | | | | | | 1 |

Endocrine System

| | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex | + | + | M | M | A | + | + | + | 52 |
| Carcinoma | | | | | | | | | 1 |
| Adrenal Medulla | + | + | M | M | A | + | + | + | 45 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | 58 |
| Adenoma | | | | | | | | | 1 |
| Carcinoma | | | | | | | | | 1 |

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 92003-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: NTP 90 diet study

CAS Number: DIET90

Date Report Requested: 10/21/2014

Time Report Requested: 22:00:57

First Dose M/F: NA / NA

Lab: NIEHS

| B6C3F1 Mouse Female
9F | DAY ON TEST | | | | | | | | *TOTALS |
|------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---------|
| | 0
7
3
8 | 0
7
3
8 | 0
7
3
8 | 0
7
3
8 | 0
7
3
8 | 0
7
3
8 | 0
7
3
8 | 0
7
3
8 | |
| | ANIMAL ID | | | | | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | |
| | 7 | 7 | 8 | 0 | 1 | 2 | 2 | 2 | |
| | 8 | 9 | 7 | 8 | 4 | 1 | 2 | 2 | 9 |
| Pituitary Gland | + | + | + | + | + | + | + | + | 52 |
| Adenoma | | | | | | | | | 1 |
| Pars Distalis, Adenoma | | | | | | | | | 1 |
| Thyroid Gland | + | + | + | I | + | + | + | + | 60 |
| Bilateral, Follicular Cel, Adenoma | | | | | | | | X | 1 |
| Follicular Cel, Adenoma | | | | | X | | | | 2 |
| General Body System | | | | | | | | | |
| Tissue NOS | | | | | | | | | 2 |
| Thoracic, Sarcoma | | | | | | | | | 1 |
| Genital System | | | | | | | | | |
| Ovary | + | + | + | + | + | + | + | + | 59 |
| Cystadenoma | | | | | | | | | 7 |
| Uterus | + | + | + | + | + | + | + | + | 63 |
| Carcinoma | | | | | | | | | 1 |
| Hematopoietic System | | | | | | | | | |
| Lymph Node, Mandibular | + | + | M | + | A | M | + | + | 54 |
| Lymph Node, Mesenteric | + | + | M | + | + | + | + | M | 51 |
| Plasma Cell Tumor Malignant | | | | | | | | | 1 |
| Spleen | + | + | + | + | + | + | + | + | 61 |
| Hemangiosarcoma | | | | | | | | | 1 |
| Thymus | M | M | + | + | M | M | M | + | 25 |

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 92003-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: NTP 90 diet study

CAS Number: DIET90

Date Report Requested: 10/21/2014

Time Report Requested: 22:00:57

First Dose M/F: NA / NA

Lab: NIEHS

| B6C3F1 Mouse Female
9F | DAY ON TEST | | | | | | | | ANIMAL ID | |
|---|-------------|---|---|---|---|---|---|---|-----------|----|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 0 | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | |
| | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | |
| | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 8 | |
| | 7 | 7 | 8 | 0 | 1 | 2 | 2 | 2 | | |
| | 8 | 9 | 7 | 8 | 4 | 1 | 2 | 9 | | |
| | *TOTALS | | | | | | | | | |
| Thymoma Benign | | | | | | | | | | 1 |
| Integumentary System | | | | | | | | | | |
| Mammary Gland | | | | | | | | | | 1 |
| Carcinoma | | | | | | | | | | 1 |
| Skin | | | | | | | | | | 7 |
| Pinna, Carcinoma | | | | | | | | | | 1 |
| Sarcoma | | | | | | | | | | 2 |
| Sarcoma, Multiple | | | | | | | | | | 1 |
| Musculoskeletal System | | | | | | | | | | |
| NONE | | | | | | | | | | |
| Nervous System | | | | | | | | | | |
| NONE | | | | | | | | | | |
| Respiratory System | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | | 64 |
| Alveolar/Bronchiolar Adenoma | X | | X | | | | | | | 5 |
| Alveolar/Bronchiolar Adenoma, Multiple | | X | | | | | | | | 1 |
| Alveolar/Bronchiolar Carcinoma | | | | | | | X | | | 3 |
| Carcinoma, Metastatic, Skin | | | | | | | | | | 1 |
| Hepatocellular Carcinoma, Metastatic, Liver | | | | | | | | | | 1 |
| Osteosarcoma, Metastatic, Uncertain | | | | | | | | | | 1 |
| Primary Site | | | | | | | | | | |

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 92003-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: NTP 90 diet study

CAS Number: DIET90

Date Report Requested: 10/21/2014

Time Report Requested: 22:00:57

First Dose M/F: NA / NA

Lab: NIEHS

| B6C3F1 Mouse Female
9F | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
|------------------------------|-------------|---|---|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---|----|---------|
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | | |
| | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 7 | 8 | 0 | 1 | 2 | 2 | 2 | | |
| | | | | | | | | | | 8 | 9 | 7 | 8 | 4 | 1 | 2 | 9 | | |
| Sarcoma, Metastatic, Skin | | | | | | | | | | | | | | | | | | 1 | |
| Special Senses System | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | | | | | | | | A | | | | | | | | | | 4 | |
| Adenoma | | | | | | | | | | | | | | | | | | 4 | |
| Urinary System | | | | | | | | | | | | | | | | | | | |
| Kidney | | + | + | + | + | + | + | + | + | | | | | | | | | 62 | |
| Sarcoma | | | | | | | | | | | | | | | | | | 1 | |
| Urinary Bladder | | + | + | + | M | + | + | + | + | | | | | | | | | 54 | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | |
| Multiple Organ | | + | + | + | + | + | + | + | + | | | | | | | | | 66 | |
| Lymphoma Malignant | | | | | | X | X | | | | | | | | | | | 9 | |

** END OF REPORT **

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically